

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

November 15, 1993

OFFICE OF WATER

Dear NPDES Permit Holder:

The U.S. Environmental Protection Agency (EPA) and States are continuing a quality assurance (QA) program in 1994 for all major permittees under the National Pollutant Discharge Elimination System (NPDES), which includes both the chemistry and aquatic toxicity tests. The purpose of this program is to evaluate the analytical and reporting ability of permittee laboratories for chemical and whole-effluent toxicity self-monitoring data. Participation in this program is required based on the authority of Section 308(a) of the Clean Water Act. Your continued cooperation and participation in this national program is appreciated.

In Study 14, the performance evaluation (PE) samples will again be delivered in two separate sets. One is the chemistry set similar to those for previous studies, which will be sent directly to you and must be analyzed for any of the available inorganic analytes that are monitored under your permit. The second is the toxicity set containing the sample(s) required for toxicity testing. This set will be sent directly to the biomonitoring support laboratory(ies) designated by you (on the attached form) to perform the required toxicity testing.

Please note that the toxicity tests and chemical analyses performed on the PE samples <u>must</u> be carried out using the in-house and/or contract laboratory personnel, analytical systems and methods, normally employed in generating your NPDES self-monitoring data.

The fourteenth annual study will include seven toxicity test organisms: fathead minnow, Ceriodaphnia dubia, Daphnia magna, Daphnia pulex, mysid, silversides, and sheepshead minnow. If your permit requires acute and/or chronic toxicity tests with one or more of these test organisms, regardless of the specific test conditions described in your permit, you are required to complete the enclosed "Permittee Test Information" form and participate in the toxicity test performance evaluation. For each organism, you are to perform the test(s) that most resembles your permit requirements. For example, if your permit requires you to conduct an acute test for a particular organism, then you must conduct the acute test for that organism as specified in the study instructions, even if the study conditions differ from the conditions specified in your permit or from those specified in your routine method. Similarly, if your permit requires a chronic test for a particular organism, you must do the chronic test for that organism as specified in this study. Please alert your biomonitoring support laboratory(ies) as soon as possible about the planned toxicity test performance evaluation study, so they can plan to participate by conducting the appropriate toxicity testings.



Toxicity Sample Set

Approximately 60 days after you receive this letter, the toxicity sample sets and instructions for preparing the samples, performing the toxicity tests, and reporting the data, will be sent directly to the biomonitoring support laboratory(ies) that you identify on the enclosed *Pennittee Test Information*" form. For this reason, it is essential that you mail the completed form to the Bionetics Corporation within *three weeks*. The laboratories will send results to each of their client permittees for those toxicity tests specifically requested by the permittee. The permittee will then report these toxicity data, together with their chemistry data, to the Bionetics Corporation using the forms included with the chemistry sample sets.

Chemistry Sample Set

Approximately 70-110 days after you receive this letter, the chemistry sample sets and instructions for preparing the samples will be sent. This package will be sent to all permittees and will contain instructions for reporting both chemistry and **toxicity** data.

Address Correction Information

To insure expeditious delivery of the study materials, we need complete mailing and shipping addresses, if different. A street address is needed to allow delivery of the sample sets by the United Parcel Service. If the address to which this letter was sent is incorrect, or if the address contains only a P.O. Box number, please provide the correct address(es) using the attached form. This information, together with a contact name and position, telephone number, and the information on the toxicity tests required by your NPDES permit, must be entered on the enclosed form, "Permittee Test Information," and mailed within three weeks to:

Michele Shirley
The Bionetics Corporation
16 Triangle Park Drive
Cincinnati, Ohio 45246
Phone: (513) 771-0453 (Between 9:00 am and 4:00 pm EST)

If you have any questions, please write or call your Discharge Monitoring Report Quality Assurance (DMR QA) Coordinator whose name, address and telephone number are found on the enclosed list. Please cite your NPDES permit and telephone numbers on all correspondence. We appreciate your cooperation in this program.

Sincerely yours,

Michael B. Cook Director

Office of Wastewater Enforcement and Compliance

Enclosures

DMR QA State Coordinator

REGION I

Connecticut**

Earl Thompson (Industrial) Director, Laboratory Stds Division CT Dept of Health Services 10 Clinton Street Hartford, CT 06106 (203) 568-3896

Dr. G. Gustav Schlessinger (Municipal) Senior Environmental Chemist CT Dept of Env Protection Water Management Bureau 79 Elm Street P.O. Box 5086 Hartford, CT 06102-5066 (203) 566-3282 or 7168

Charles Fredette
QA Coordinator
CT Dept of Env Protection
Water Management Bureau
79 Elm Street
P.O. Box 5066
Hartford, CT 06102-5066
(203) 566-6691

Maine

Paul W. Dutram ME Dept of Env Protection Bureau of Water City Control State House, Station 17 Augusta, ME 04333 (207) 289-3901

Massachussetts

Ping Yee MA Dept of Env Protection Div of Water Pollution Control Training Center Route 20 Millbury, MA 01527 (508) 756-7281

New Hampshire

Stephanie Larson NH Dept of Erry Services Water Supply & Poll. Ctrl Div P.O. Box 95 - 6 Hazen Drive Concord, NH 03301 (603) 271-2457

Rhode Island**

Christopher Campbell RI Dept of Env Management Division of Water Resources 291 Promenade Street Providence, RI 02908-5767 (401) 277-3961

Vermont**

Andrew Fish VT Dept of Env. Conservation Division of Public Facilities Building 2 South 103 S. Main Street Waterbury, VT 05676 (802) 241-3737

REGION II*

New Jersey** New York ** Puerto Rico - Virgin Islands**

Linda M. Mauel (Reg. Coordinator) US EPA, Region 2 2890 Woodbridge Ave (MS-103) Edison, NJ 08837-3679 (908) 321-6766

REGION III

Delaware**

Joe Kilby
Dept of Natural Rscrs & Env. Ctrl
Water Pollution Branch
R & R Building
P.O. Box 1401
89 Kings Highway
Dover, DE 19903
(302) 739-5081

District of Columbia

William Ruby D.C. Erwr Control Division Water Hygiene Dept 2100 M.L.King Jr. Ave. SE Suite 203 Washington, DC 20020 (202) 404-1120

Maryland**

Melvin Knott Dept of the Environment Industrial Discharge Program 2500 Broening Highway Baltimore, MD 21224 (301) 831-3323

Mariene Patilio Office of the Environment Division of Municipal Compliance 2500 Broening Highway Baltimore, MD 21224 (301) 631-3634

Pennsylvania**

Thomas J. Brown PA Dept of Env Resources Div of Permits and Compliance P.O. Box 625 RD3 Wilmore Rd Ebensburg, PA 15931 (814) 472-5071

Virginia**

Lise McMillen, Analytical Chemist VA State Water Control Board Office of Water Resources Mgmt 4900 Cox Road Glen Allen, VA 23060 (804) 527-5181

West Virginia**

Don E. Caldwell State of West Virginia Environmental Protection Div. Water Resources Office 1201 Greenbrier St Charleston, WV 25311 (304) 558-0321

REGION IV

Alabama**

E. John Williford AL Dept of Environmental Mgmt 1751 Federal Drive Montgomery, AL 36130 (205) 260-2700

Florida

Carlos Boueres FL Dept of Environmental Reg Quality Assurance Section 2600 Blair Stone Road Tallahassee, FL 32399 (904) 488-2796

Elizabeth B. Whitley US EPA Fiorida Compliance 345 Courtland St Atlanta, GA 30365 (404) 347-4793

Georgia**

Jeff Larson Environmental Protection Division GA Dept of Natural Resources Atlanta Tradeport 4244 International Plwy, Suite 110 Atlanta, GA 30354 (404) 362-2680

Kentucky**

Donna C. Drury KY Dept of Env Protection 18 Reilly Rd, Ft Boone Plaza Frankfort, KY 40601 (502) 564-3410

Mississippi**

Phillip Base Chief of Field Services MS Dept of Environmental City P.O. Box. 10385 Jackson, MS 39209 (601) 961-5143

North Carolina**

William B. Edwards, Jr. NC Dept of Environment, Health & Natural Resources P.O. Box 27535 Raleigh, NC 27626-0535 (919) 733-3908

South Carolina**

Wayne Davis
SC Dept of Health & Environmental
Control
P.O. Box 72
State Park, SC 29147
(803) 935-7025

Tennessee**

Pamela Townsend
Dept of Env & Conservation
TN Div. of Water Pollution Control
6th Floor, L & C Annex
401 Church Street
Nashville, TN 37243-1534
(615) 532-0677

REGION V

Illinois**

Erin Rednour Division of Water Poliution Control Illinois EPA 2200 Churchill Road Springfield, IL 62706 (217) 782-9720

Indiana**

Steve Kim Oper. Assist. & Trng Sect. OWM, IN Dept of Env Mng 105 Merdolan St Indianapolis, IN 46225 (317) 232-8783

Michigan**

Dennis Swanson Mi Dept of Natural Resources P.O. Box 30028 Lansing, Mi 48909 (517) 373-4734

Minnesota**

John M. Davenport MN Pollution Control Agency 520 Lafayette Rd St Paul, MN 55155 (612) 296-7225

Ohio**

Marline Raphael Ohlo EPA 1571 Perry Street Columbus, OH 43201 (614) 644-4267

Wisconsin**

Ron Arneson Wi Dept of Natural Resources P.O. Box 7921 Madison, WI 53707 (608) 267-7633

Bob Kaczmarek WI Dept of Natural Resources 3911 Fish Hatchery Road Fitchburg, WI 53711 (608) 275-3202

Don Domencich WI Dept of Natural Resources Box 12436 Milwaukee, WI 53212 (414) 283-8718

Linda Vogen WI Dept of Natural Resources Box 10448 Green Bay, WI 54307 (414) 492-5876

DMR QA State Coordinators

DMR QA Coordinator Weatern District Office WI Dept of Natural Resources Box 4001 Eau Claire, WI 54702 (715) 839-3700

Tom Atchison North Central District WI Dept of Natural Resources P.O.Box 818 Rhinelander, WI 54501 (715) 369-8964

Janet Hopke WI Dept of Natural Resources Box 309 Spooner, WI 54801 (715) 635-4067

REGION VI

Arkansas**

Dick Cassat Technical Services AR Dept of Poll Ctrl & Ecology 8001 National Drive Little Rock, AR 72209 (501) 562-7444

Louisiana

Tom Bradley LA Dept of Environmental City Water Pollution Control Division 3945 N. I-10 Service Road Metaire, LA 70002 (504) 838-5365

New Mexico

Ms. Pat Hanson Environmental Improvement Div Surface Water Quality Bureau Surface Water Section P.O. Box 968 Santa Fe, NM 87504-0968 (505) 827-0152

Oklahoma

Aaron Milligan (Industrial) OK Dept of Environmental City 1000 N.E. Tenth, 10th Floor Oklahoma City, OK 73117-1212 (405) 271-7440

Joe Brown (Municipal)
OK State Dept of Health
State Environmental Lab.
P.O. Box 24104
Oklahoma City, OK 73124
(405) 271-5240

Texas

Shella Meyers Anne Rhyne Texas Water Commission Field Operation Division P.O. Box 13087 Capitol Station Austin, TX 78711 (512) 463-7749

REGION VII

lowa**

Charles Furrey
Dept of Natural Resources
Henry A. Wallace Bldg
900 E. Grand
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(515) 281-4067

Kansas**

Jack McKenzie
Kansas Dept of Health & Env
Laboratory Services & Research
Forbes Building #740
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(913) 296-1639

Missouri**

Jack Pate MO Dept of Natural Resources Pollution Control Program P.O.Box 176 Jefferson City, MO 65102 (314) 751-1399

Nebraska**

Brian Gorman NE Dept of Env Quality P.O.Box 98922 State House Station Lincoln, NE 68509 (402) 471-4253

REGION VIII

Colorado**

Leon Malloy Field Support Section Water Quality Control Division Colorado Dept of Health 4210 East 11th Avenue Denver, CO 80220 (303) 692-3562

Montana**

Mike Pasichnyk MT Dept of Health & Environmental Science Water Quality Bureau Cogswell Bidg, Room A206 Helena, MT 59620 (406) 444-2408

North Dakota**

Jean Pflefer, Env. Scientist Division of Water Quality North Dakota Dept of Health Missouri Office Building 1200 Missouri Avenue Biemarck, ND 58505-5520 (701) 221-5228

South Dakota*

Richard Edmond US EPA, 8ES-ES 999 18th Street, Suite 500 Denver, CO 80202-2405 (303) 236-5057 Donna Jackson Regional Coordinator (Compliance) US EPA, 8WM-C 999 18th Street, Suite 500 Denver, CO 80202-2405 (303) 283-1419

Utah**

Mike Herkimer Dept of Environmental Quality Division of Water Quality State of Utah Salt Lake City, UT 84114-4870 (801) 538-6148

Wyoming**

John F. Wagner Technical Support Supervisor Water Quality Division Wyoming Dept of Env Quality Herschier Bidg - 4th Floor Cheyenne, WY 82002 (307) 777-7781

REGION IX

American Samoa

Pati Falei
Executive Secretary
Environmental Quality Commission
American Samoa Government
Pago Pago, AS 96799
(684) 633-2304

Arizona

Wynand H. Nimmo Div of State Lab Services Dept of Health Services 1520 West Adams Street Phoenix, AZ 85007 (602) 542-1188

California**

Charles Fischer State Water Resources Control Board P.O. Box 100 Sacramento, CA 95801 (916) 657-1123

Guam

Kenneth Morphew Guarn EPA D-107 Harmon Plaza 130 Rojaa Street Harmon, Guarn 96911 (671) 648-8863

Hawaii**

Rendy Chow State Laboratories Division Department of Health P.O. Box 3378 Honolulu, HI 98801 (808) 588-4501

Nevada**

Wendall McCurry Division of Environmental Protection Department of Health 201 South Fall Street Carson City, NV 89701 (702) 687-4670

Northern Islands

Russell Mechem Div of Environmental Olty Mariana Island P.O. Box 1304 Salpan, CM 96950 (670) 234-1003

REGION X

Alaska, Idaho*

Vaughn Blethen (Chemistry) Regional Coordinator US EPA - WD 135 1200 Sixth Street Seattle, WA 98101 (206) 553-0483

Lisa Macchio (Toxicity) Regional Coordinator US EPA - WD 135 1200 Sixth Street Seattle, WA 98101 (206) 553-1834

Oregon**

Renato Dulay (Industrial) Dept of Environmental Quality Executive Building 811 SW Sixth Avenue Portland, OR 97204 (503) 229-5374

Judy Johndohl (Municipal) Dept of Environmental Quality Executive Building 811 SW Sixth Avenue Portland, OR 97204 (503) 229-6896

Washington**

Stewart Lombard
Washington State
Dept of Ecology
Quality Assurance Section
P.O. Box 488 - 2350 Colchester
Manchester, WA 98353
(206) 895-4649

U.S. ENVIRONMENTAL PROTECTION AGENCY

NPDES STUDY 14 PERMITTEE TEST INFORMATION FORM

	Inter	nai L	lse O	nly	
AC		TO	X		
SC	1	OX		CHI	M
PNC					

I. PLEASE READ CAREFULLY AND RETURN, IF REQUIRED:

(RETURN THIS FORM, ONLY IF YOU HAVE CHANGES TO THE MAILING LABEL OR IF YOU ARE REQUIRED TO DO TOX TESTING.)

II. REVIEW OF THE CURRENT PERMITTEE INFORMATION:

Please review the address label affixed to this letter for your designated permit number, testing status, and address, and make any required changes below. The permit number required for this study is your federal permit number, not your state number. The testing status indicates what testing requirements you will be performing for the upcoming study. Compare these designations to your permit, if there are any discrepancies please contact your State Coordinator for clarification. The address we have on the affixed label indicates both a mailing and shipping address, both of which are required to send all of the study materials to your facility.

1. FEDERAL NPDES PERMIT NO.: Please enter	your number for proper handling of this information form.
(Enter the State Abbreviation, plus the Seven Digit Nur	(DO NOT use your state number, if different then the federal number.) mber. SEE THE ADDRESS LABEL AFFIXED TO THIS LETTER.)
	re only, if testing requirements on your permit are different then the address label affixed to this letter.
Total Phenolics; Total Rest	OD, TOC; Nutrients - NH3-N, NO3-N, O-P, TKN, TP; O & G; pH; Total Cyanide; idual Chlorine; Total Suspended Solids; Trace Metals - Al, As, Be, Cd, Co, Cr, Cu, & Zn.) Mark 'ADD' if adding CHEM status or 'DEL' if deleting CHEM status.
Toxicity (See the required list on the next page, only the if deleting TOX. If you require TOX testing, p	nese organisms and tests are required. Mark 'ADD' if adding TOX status or 'DEL' please continue to section III.)
3. PERMITTEE ADDRESS CHANGES: Make chang	es only, if address is different then the address label affixed to this letter.
MAILING ADDRESS (Company)	SHIPPING ADDRESS (IF DIFFERENT)
Name/l'itle)	
(Address)	
(City) (State) (Zip)	
PHONE NO: ()	

III. PERFORMANCE TOXICITY TEST INFORMATION: (You MUST return this form, if you require TOX testing.)

Listed on the next page are the proposed organisms, for testing in the upcoming NPDES P.E. study. Check the appropriate boxes on the form and provide the requested information on the effluent toxicity tests required by your current permit (you are required to perform toxicity testing even if your permit designates testing quarterly or yearly). Call your State Coordinator to clarify any questions pertaining to your testing status. Submit the names of the laboratories that you are currently using to perform your toxicity testing or whom have last performed the tests. Submit the complete names, mailing/shipping addresses, and phone number of the in-house and/or contract laboratories identified by name on the proceeding pages. Please contact your designated contract laboratory first, to see if they can perform these test before submitting the form to Bionetics.

NOTE: The permittee is responsible for notifying the designated performing laboratory that they have been nominated to receive a toxicity test sample, within approximately 60 days of this dated letter. However, you will both be responsible for submitting the toxicity data to Bionetics.

(Continued)

Return To:
Michele Shirley
The Bionetics Corporation
16 Triangle Park Drive
Cincinnati, Ohio 45246
S-14 PERMITTEE INFO-1

U.S. ENVIRONMENTAL PROTECTION AGENCY

NPDES STUDY 14 PERFORMANCE TOXICITY TEST INFORMATION (CONTINUED)

FEDERAL NPDES PERMIT NO.: Please enter your number for proper handling of this information					
(DO NOT use your state number, if different then the fit (Enter the State Abbreviation, plus the Seven Digit Number. SEE THE ADDRESS LABEL AFFIXED TO THIS L					
PLEASE UPDATE YOUR TOX INFORMATION FOR STUDY 14, DATA FROM STUDY 13 WILL NOT CROSS-OVER TO ST					
CHECK BOX (List only one laboratory per test.)					
Fathcad minnow (<u>Pimephales promelas</u>) acute test:					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					
Fathead minnow (Pimephales promelas) chronic test:					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					
Ceriodaphnia dubia acute test:					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					
Ceriodaphnia dubia chronic test:					
Name of performing laboratory: (Submit the Laboratories address, on the following page.)					
Mysid (Mysidopsis bahia) acute test:					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					
Mysid (Mysidopsis bahia) chronic test:					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					
Silversides (Menidia s.p.) acute test: (List the species):					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					
Daphnia magna acute test:					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					
Daphnia pulex acute test:					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					
Sheepshead minnow (<u>Cyprinodon variegatus</u>) acute test:					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					
Sheepshead minnow (Cyprinodon variegatus) chronic test:					
Name of performing laboratory:(Submit the Laboratories address, on the following page.)					

To No Wi P.I Ri (7

S-14 PERMITTEE INFO-2

U.S. ENVIRONMENTAL PROTECTION AGENCY

NPDES STUDY 14 PERFORMANCE TOXICITY TEST INFORMATION (CONTINUED)

FEDER.	AL NPDES PERMIT NO.: Please enter your number	er for proper handling of this information form.				
		OO NOT use your state number, if different then the federal number.) SEE THE ADDRESS LABEL AFFIXED TO THIS LETTER.)				
Pleas	se submit below, the address or addresses for the contr	ract laboratories that you have designated on the preceding				
1	 Please check the appropriate boxes on the preced permit. 	ing page, for the organisms you are required to do on you				
	Do Not submit more than one laboratory name per organism.					
	3. Please designate whether the laboratory is an in-	-house laboratory.				
NOTE:	(Please Do Not Identify Laboratories That Perform	Only Your Chemistry Analyses, At This time.)				
	TOXICITY SUPPORT LABOR	ATORY IDENTIFICATION				
that actu	oratories that sub-contract the toxicity analyses to anoually perform the work need to be listed. Please check sure all labs have been contacted about the upcoming	other laboratory should not be listed, only the laboratorie with your lab to see if they sub-contract their toxicity work study.				
TOXIC	ITY LABORATORY #1 - MAILING ADDRESS:	SHIPPING ADDRESS (IF DIFFERENT)				
(Company	(le)	·				
(Address) (City)	(State) (Zip)					
PHONE I		-				
ADDIT	IONAL LABORATORY LISTINGS, IF NEEDED					
TOXIC	ITY LABORATORY #2 - MAILING ADDRESS:	SHIPPING ADDRESS (IF DIFFERENT)				
(Company						
(Name/I)t (Address)						
(City) PHONE I	(State) (Zip)					
TOXIC	ITY LABORATORY #3 - MAILING ADDRESS:	SHIPPING ADDRESS (IF DIFFERENT)				
(Company						
(Name/Fit (Address)	~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
(City)	(State) (Zip)					
PHONI: 1	NO: ()	-				
TOXIC	TTY LABORATORY #4 - MAILING ADDRESS:	SHIPPING ADDRESS (IF DIFFERENT)				
(Company	·					
(Name/lit						
(Address) (City)	(State) (Zip)					
PHONE						



United States
Environmental Protection
Agency
Environmental Monitoring and Support Laboratory
Cincinnati, OH 45268 (MS-525)

Official Business Penalty for Private Use \$300

IMPORTANT NOTICE – RESPONSE REQUIRED NPDES Study 14 Announcement

FIRST CLASS MAIL
Postage and Fees Paid

EPA

G-35

CO0029793 CHEM/TOX 303/967-2165
Rico Development Corp.
Health, Safety, & Environment
P.O. Box 130 - 29 N. River St.
Rico, CO 81332